

AVIATION SAFETY WORKING GROUP



**NASA AVIATION SAFETY
PROGRAM EXECUTIVE COUNCIL
(AvSPEC)**

BACKGROUND

The NASA Aviation Safety Program (AvSP) is an ambitious, unprecedented aviation safety technology initiative with the goal of contributing to a significant reduction in the number of accidents and improving the overall level of safety system-wide. In parallel, the FAA has launched its Safer Skies Program, which is equally aggressive, and similar activities are also underway worldwide.

None of these well-intended initiatives can be successful without aggressive outreach to, and coordination with, the aviation community as these vital programs are defined and implemented. This means that AvSP research objectives cannot be successful until the resultant products are in operation within the aviation system. Accordingly, the AvSP Executive Council (EC) was established as a review body for the continuing support of the AvSP to help ensure that its overall objectives are achieved.

Aviation Safety Program Executive Council

Charter Dated 8/5/99

Functions

- ④ Strategic Program planning and decision review
- ④ Independent technical progress review
- ④ Independent technology impact assessment review
- ④ Technology transfer guidance and support
- ④ Strategic assessment and support for Program resource requirements
- ④ Coordination and communication support among other aviation programs and activities

Membership

- ④ Executive and senior technical representatives from major airlines, corporate and general aviation, operational flight crews, regulatory authorities, manufacturers, safety organizations, research institutions, and academia
- ④ By invitation from the AvSP Director

Operations Methodology

- ④ Program reviews are planned 1-2x/year
- ④ Separate technical and executive sessions
- ④ Review summaries and actions items maintained

Aviation Safety Program Executive Council Membership

Steve Atkins	VP Airplane Safety and Airworthiness	The Boeing Company
Ed Bolen	President	GAMA
Ed Fell	VP Safety & Regulatory Compliance	Northwest Airlin
George Finelli	Act. Manager, Aviation Safety Program	NASA
Roy Fox	Chief, Product Safety	Bell
Helicopter Textron		
Bob Francis	Executive VP	Farragut Intl., LLC
Chris Hart	Asst. Admin. For System Safety	
FAA		
Ken Hess	Chief of Safety	USAF
John Hickey	Director, Aircraft Certification Service	FAA
John Kern	Ret., VP Regulatory Compliance and	Northwest
Airlines		
	Chief Safety Officer	
Bruce Landsberg	Executive Director	AOPA/Air Safety
Found.		
John Marshall	VP Safety & Quality Assurance	Delta Air
Lines		
Stuart Matthews	President and CEO	FSF

Aviation Safety Program Executive Council Membership

John McCarthy	Manager, Scientific and Technical Program Development (Ret.)	Naval Research Lab
John O'Brien	Director, Eng. & Air Safety Department	ALPA
Don Pitts	Chairman, National Safety and Training Committee	APA
Al Prest	Vice President Operations	ATA
Herm Rediess	Director, Aviation Research	FAA
Dan Schrage Tech.	Professor	Georgia
Doug Schwartz	Aviation Director	AT&T
Ed Soliday Airlines	VP Corporate Safety, QA & Security (Ret.)	United
John Weyrauch Collins	Senior Director, Information Systems Advanced Technology Center	Rockwell

WORKING GROUP MEMBERSHIP

NAME	AvSPEC	ATAC	RAS	SAFETY WG
Al Prest (ATA)	✓			✓
John Kern (Northwest)	✓	✓	✓	✓
Ron Swanda (GAMA)	✓	✓	✓	✓
Chris Hart (FAA)	✓		✓	✓
Herm Rediess (FAA)	✓	✓		✓
John O'Brien (ALPA)	✓	✓	✓	✓

Tasks Presented to Safety Working Group

④ Look at NASA's vision and mission and the aeronautics strategic goals and address the following questions:

- Are they relevant?
- Are they the right investment?
- Are they responsive to the changing national needs?
- Is NASA employing the best practices and using technology effectively?

WORKING GROUP PROCESS

- ④ Utilization of AvSPEC as program/project review forum for Working Group
- ④ Adjust schedule of AvSPEC to coincide with requirements of RAS and ATAC agenda
- ④ Report of AvSPEC meeting (Oct. 02) available

CONCLUSIONS

- ④ RAS has the responsibility to review, among other things, the NASA Safety Program
- ④ To accomplish this task, a Safety Working Group has been established
- ④ An individual group (AvSPEC) already exists whose responsibility is to provide industry/government review of the NASA Safety Program
- ④ Present AvSPEC safety review program could provide basis for Working Group review
- ④ AvSPEC agenda can be tailored to fit the needs for RAS

RECOMMENDATIONS

- ④ Continue AvSPEC process modified to fit requirements of RAS/ATAC
- ④ Establish Working Group membership in a manner which utilizes existing commitment of personnel resources
- ④ Schedule next AvSPEC meeting to support ATAC agenda